

### Abstract of the Disclosure

By comprising a logical circuit storage unit for storing a logical circuit, a transmission line circuit  
5 generation unit for generating a transmission line circuit based on the logical circuit stored in the logical circuit storage unit, a transmission line circuit storage unit for storing the transmission line circuit generated by the transmission line circuit  
10 generation unit, a transmission line circuit editing unit for editing the transmission line circuit stored in the transmission line storage unit and a logical circuit modification unit for modifying the generated logical circuit based on the transmission line circuit  
15 edited by the transmission line circuit editing unit, work that has been manually done can be automated. Therefore, labor can be reduced and data reliability can be improved.